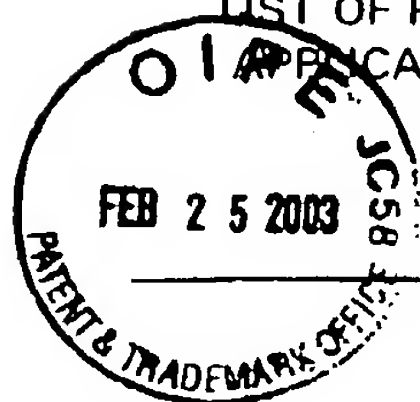


FORM PTO-1449

ATTY. DOCKET NO.  
24743-2308SERIAL NO.  
10/014,731LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENTAPPLICANT  
MonforteFILING DATE  
December 11, 2001GROUP  
1743

MAR 03 2003

GROUP 1700



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
NONE													

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	T Yes
	Ge	0	0	2	9	5	5	5	05/25/00	PCT			
	GC	0	1	2	3	6	1	9	04/05/01	PCT			
	Ge	0	1	8	4	1	5	4	11/08/01	PCT			
	Ge	0	1	9	4	9	5	0	12/13/01	PCT			
	Ge	0	2	3	9	1	2	0	A1 05/16/02	PCT			
	Ge	9	9	1	0	4	8	5	03/04/99	PCT			
	or	9	9	5	6	1	2	9	11/04/99	PCT			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	NONE
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7/15/04

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Title: **MULTIPLEXED PROTEIN EXPRESSION AND ACTIVITY ASSAY**

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,731	<b>RECEIVED</b> OCT 25 2002 TECHNOLOGY CENTER 1700 RECEIVED OCT 10 2002 TECHNOLOGY CENTER 1600/2900
	APPLICANT Monforte		
	FILING DATE December 11, 2001	GROUP 1743	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
Ge	A	4	6	8	3	2	0	2	07/28/87	Mullis	435	91	10/25/85
Ge	B	5	2	2	3	4	0	8	06/29/93	Goeddel <i>et al.</i>	435	69.3	07/11/91
Ge	C	5	2	2	3	4	0	9	06/29/93	Ladner <i>et al.</i>	435	69.7	03/01/91
Ge	D	5	2	8	8	6	2	2	02/22/94	Gray <i>et al.</i>	435	69.4	06/11/92
Ge	E	5	3	1	6	9	2	2	05/31/94	Brown <i>et al.</i>	435	69.7	04/15/92
Ge	F	5	3	4	8	8	6	7	09/20/94	Georgiou <i>et al.</i>	435	69.7	11/15/91
Ge	G	5	3	8	2	5	1	3	01/17/95	Lam <i>et al.</i>	435	7.1	02/08/93
Ge	H	5	3	9	5	7	5	0	03/07/95	Dillon <i>et al.</i>	435	5	02/28/92
Ge	I	5	4	0	3	4	8	4	04/04/95	Ladner <i>et al.</i>	435	235.1	01/26/93
Ge	J	5	8	6	4	1	3	7	01/26/99	Becker <i>et al.</i>	250	287	10/01/96
Ge	K	5	9	6	5	3	6	3	10/12/99	Monforte <i>et al.</i>	435	6	12/02/96
Ge	L	6	0	5	1	3	7	8	04/18/00	Monforte <i>et al.</i>	435	6	03/04/97
Ge	M	6	0	9	0	5	5	0	07/18/00	Butler <i>et al.</i>	435	6	09/18/98
Ge	N	6	1	0	4	0	2	8	08/15/00	Hunter <i>et al.</i>	250	288	05/29/98
Ge	O	6	2	3	2	1	0	7	05/15/01	Bryan <i>et al.</i>	435	189	03/26/99

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes No	
None														

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FORM PTO-1449 (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,731
	APPLICANT Monforte	
	FILING DATE December 11, 2001	GROUP 1743

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 OCT 10 2002  
 TECHNOLOGY CENTER 1700

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	P	Arnheim <i>et al.</i> , "Polymerase Chain Reaction", <i>C&amp;EN</i> , pp. 36-47, 1990
Ge	Q	Arnott <i>et al.</i> , "An Integrated Approach to Proteome Analysis: Identification of Proteins Associated with Cardiac Hypertrophy", <i>Anal. Biochem.</i> , <u>258</u> :1-18, 1998
Ge	R	Barringer <i>et al.</i> , "Blunt-End and Single-Strand Ligations by <i>Escherichia coli</i> Ligase: Influence on an in vitro Amplification", <i>Gene</i> , <u>89</u> :117-122, 1990
Ge	S	Black <i>et al.</i> , "Random Sequence Mutagenesis for the Generation of Active Enzymes", <i>Methods in Mol. Biol.</i> , <u>57</u> :335-349, 1996
Ge	T	Boublik <i>et al.</i> , "Eukaryotic Virus Display: Engineering the Major Surface Glycoprotein of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus (AcNPV) for the Presentation of Foreign Proteins on the Virus Surface", <i>Biotechnology</i> , <u>13</u> :1079-1084, 1995
Ge	U	Bruchez <i>et al.</i> , "Semiconductor Nanocrystals as Fluorescent Biological Labels", <i>Science</i> , <u>281</u> :2013-2016, 1998
Ge	V	Burritt <i>et al.</i> , "Filamentous Phage Display of Oligopeptide Libraries", <i>Anal. Biochem.</i> , <u>238</u> :1-13, 1996
Ge	W	Celis <i>et al.</i> , "2D Protein Electrophoresis: Can It Be Perfected?", <i>Curr. Opin. Biotechnol.</i> , <u>10</u> :16-21, 1999
Ge	X	Chee <i>et al.</i> , "Accessing Genetic Information with High-Density DNA Arrays", <i>Science</i> , <u>274</u> :610-614, 1996
Ge	Y	Chiswell <i>et al.</i> , "Phage Antibodies: Will New 'Coliclonal' Antibodies Replace Monoclonal Antibodies?", <i>Trends Biotechnol.</i> , <u>10</u> :80-84, 1992
Ge	Z	Clackson <i>et al.</i> , "Making Antibody Fragments Using Phage Display Libraries", <i>Nature</i> , <u>352</u> :624-628, 1991
Ge	AA	Easterling <i>et al.</i> , "Monitoring Protein Expression in Whole Bacterial Cells with MALDI Time-of-Flight Mass Spectrometry", <i>Anal. Chem.</i> , <u>70</u> (13):2704-2709, 1998
Ge	AB	Fannon, M., "Gene Expression in Normal and Disease States - Identification of Therapeutic Targets", <i>Trends Biotechnol.</i> , <u>14</u> :294-298, 1996
Ge	AC	Filippini <i>et al.</i> , "A Novel Flow Cytometric Method for the Quantification of p53 Gene Expression", <i>Cytometry</i> , <u>31</u> :180-186, 1998
Ge	AD	Fodor, S., "Massively Parallel Genomics", <i>Science</i> , <u>277</u> :393-395, 1997
Ge	AE	Fodor, S., "Genes, Chips, and the Human Genome", <i>FASEB Journal</i> , <u>11</u> :A879, 1997

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*Amy Cantu*

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FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,73	RECEIVED OCT 10 2002 TECHNOLOGY CENTER 1700
	APPLICANT Monforte		
	FILING DATE December 11, 2001	GROUP 1743	

LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	AF	Fu <i>et al.</i> , "Isolation from Phage Display Libraries of Single Chain Variable Fragment Antibodies that Recognize Conformational Epitopes in the Malaria Vaccine Candidate, Apical Membrane Antigen-1", <i>J. Biol. Chem.</i> , <u>272</u> (41):25678-25684, 1997
Ge	AG	Garden <i>et al.</i> , "Excess Salt Removal with Matrix Rinsing: Direct Peptide Profiling of Neurons from Marine Invertebrates Using Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>J. Mass Spectrom.</i> , <u>31</u> :1126-1130, 1996
Ge	AH	Glaser <i>et al.</i> , "Antibody Engineering by Codon-Based Mutagenesis in a Filamentous Phage Vector System", <i>J. Immunol.</i> , <u>149</u> (12):3903-3913, 1992
Ge	AI	Gonzalez <i>et al.</i> , "Intracellular Detection Assays for High-Throughput Screening", <i>Curr. Opin. Biotechnol.</i> , <u>9</u> :624-631, 1998
Ge	AJ	Griffiths <i>et al.</i> , "Isolation of High Affinity Human Antibodies Directly from Large Synthetic Repertoires", <i>EMBO J.</i> , <u>13</u> (14):3245-3260, 1994
Ge	AK	Guatelli <i>et al.</i> , "Isothermal, <i>in vitro</i> Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :1874-1878, 1990
Ge	AL	Hawkins <i>et al.</i> , "A Magnetic Attraction to High-Throughput Genomics", <i>Science</i> , <u>276</u> :1887-1889, 1997
Ge	AM	Hill <i>et al.</i> , "Phage Presentation", <i>Mol. Biol.</i> , <u>20</u> (4):685-692, 1996
Ge	AN	Hoffman <i>et al.</i> , "Expression of Fully Functional Tetrameric Human Hemoglobin in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , <u>87</u> :8521-8525, 1990
Ge	AO	Hoogenboom <i>et al.</i> , "Mutli-Subunit Proteins on the Surface of Filamentous Phage: Methologies for Displaying Antibody (Fab) Heavy and Light Chains", <i>Nucl. Acids Res.</i> , <u>19</u> (15):4133-4137, 1991
Ge	AP	Houston <i>et al.</i> , "The Chemical-Biological Interface: Developments in Automated and Miniaturised Screening Technology", <i>Curr. Opin. Biotechnol.</i> , <u>8</u> :734-740, 1997
Ge	AQ	Houston <i>et al.</i> , "Rapid Analysis of Hemoglobin from Whole Human Blood by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry", <i>Rapid Commun. Mass Spectrom.</i> , <u>1</u> :1435-1439, 1997
Ge	AR	Huse <i>et al.</i> , "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", <i>Science</i> , <u>246</u> :1275-1281, 1989
Ge	AS	<u>IUPAC-IUB Commission on Biochemical Nomenclature Symbols for Amino-Acid Derivatives and Peptides Recommendations (1971)</u> , <i>Biochem.</i> , <u>11</u> :942-944, 1972

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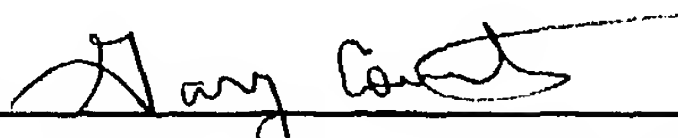
FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24743-2308	SERIAL NO. 10/014,731
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Monforte	
	FILING DATE December 11, 2001	GROUP 1743

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Gc	AT	<u>IUPAC-IUB Combined Commission on Biochemical Nomenclature Abbreviated Nonemclature of Synthetic Polypeptides (Polymerized Amino Acids)<sup>1-3</sup> Tentative Rules</u> , <i>J. Biol. Chem.</i> , <u>243</u> (10):2451-2453, 1968
Gc	AU	Jessen <i>et al.</i> , "Production of Human Hemoglobin in <i>Escherichia coli</i> Using Cleavable Fusion Protein Expression Vector", <i>Methods Enzymol.</i> , <u>231</u> :347-364, 1994
Gc	AV	Jimenez <i>et al.</i> , "Ultramicroanalysis of Peptide Profiles in Biological Samples Using MALDI Mass Spectrometry", <i>Exp Nephrol.</i> , <u>6</u> :421-428, 1998
Gc	AW	<u>Kirk-Othmer Encyclopedia of Chemical Technology</u> , Volume 5, Fourth Edition, pp. 1071-1094
Gc	AX	Kohler <i>et al.</i> , "Continuous Cultures of Fused Cells Secrete Antibody of Predefined Specificity", <i>Nature</i> , <u>256</u> :495-497, 1975
Gc	AY	Kozian <i>et al.</i> , "Comparative Gene-Expression Analysis", <i>Trends Biotechnol.</i> , <u>17</u> :73-78, 1999
Gc	AZ	Kwoh <i>et al.</i> , "Transcription-based Amplification System and Detection of Amplified Human Immunodeficiency Virus Type 1 with a Bead-Based Sandwich Hybridization Format", <i>Proc. Natl. Acad. Sci. USA</i> , <u>86</u> :1173-1177, 1989
Gc	BA	Landegren <i>et al.</i> , "A Ligase-Mediated Gene Detection Technique", <i>Science</i> , <u>241</u> :1077-1080, 1988
Gc	BB	Li <i>et al.</i> , "Detection Limits for Matrix-assisted Laser Desorption of Polypeptides with an External Ion Source Fourier-transform Mass Spectrometer", <i>Rapid Commun. Mass Spectrom.</i> , <u>8</u> :743-749, 1994
Gc	BC	Lomelli <i>et al.</i> , "Quantitative Assays Based on the Use of Replicable Hybridization Probes", <i>Clin. Chem.</i> , <u>35</u> (9):1826-1831, 1989
Gc	BD	Lowman, H.B., "Bacteriophage Display and Discovery of Peptide Leads for Drug Development", <i>Annu. Rev. Biophys. Biomol. Struct.</i> , <u>26</u> :401-424, 1997
Gc	BE	Methods and Materials: Amplification of Nucleic Acid Sequences: The Choices Multiply, <i>The Journal of NIH Research</i> , <u>3</u> :81-86, 1991
Gc	BF	Nicola <i>et al.</i> , "Application of the Fast-evaporation Sample Preparation Method for Improving Quantification of Angiotensin II by Matrix-assisted Laser Desorption/Ionization", <i>Rapid Commun. Mass Spectrom.</i> , <u>9</u> :1164-1171, 1995
Gc	BG	Opitek <i>et al.</i> , "Comprehensive Two-Dimensional High-Performance Liquid Chromatography for the Isolation of Overexpressed Proteins and Proteome Mapping", <i>Ana. Biochem.</i> , <u>258</u> :349-361, 1998

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	BH	Parmley <i>et al.</i> , "Antibody-selectable Filamentous fd Phage Vectors: Affinity Purification of Target Genes", <i>Gene</i> , <u>73</u> :305-318, 1988
Ge	BI	Persic <i>et al.</i> , "Single-chain Variable Fragments Selected on the 57-76 p21R as Neutralising Epitope from Phage Antibody Libraries Recognise the Parental Protein", <i>FEBS Lett.</i> , <u>443</u> :112-116, 1999
Ge	BJ	Rivera <i>et al.</i> , "A Solid-Phase Fluorescent Immunoassay for Detecting Canine or Mink Enteritis Parvoviruses in Faecal Samples", <i>Veter. Microbiol.</i> , <u>15</u> :1-9, 1987
Ge	BK	Rodi <i>et al.</i> , "Phase-display Technology - Finding a Needle in a Vast Molecular Haystack", <i>Curr. Opin. Biotechnol.</i> , <u>10</u> :87-93, 1987
Ge	BL	Sambrook <i>et al.</i> , "Molecular Cloning, A Laboratory Manual", Cold Spring Harbor Laboratory Press, Chapter 8, Vol. 3, p. B.13, 1989
Ge	BM	Sarubbi <i>et al.</i> , "A Cell-Free, Nonisotopic, High-Throughput Assay for Inhibitors of Type-I Interleukin-1 Receptor", <i>Anal. Biochem.</i> , <u>237</u> :70-75, 1996
Ge	BN	Shen <i>et al.</i> , "Production of Unmodified Human Adult Hemoglobin in <i>Escherichia coli</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , <u>90</u> :8108-8112, 1993
Ge	BO	Smith <i>et al.</i> , "Single-step Purification of Polypeptides Expressed in <i>Escherichia coli</i> as Fusions with Glutathione S-Transferase", <i>Gene</i> , <u>67</u> :31-40, 1988
Ge	BP	Solouki <i>et al.</i> , "Attomole Biomolecule Mass Analysis by Matrix-Assisted Laser Desorption/Ionization Fourier Transform Ion Cyclotron Resonance", <i>Anal. Chem.</i> , <u>67</u> :4139-4144, 1996
Ge	BQ	Sooknanan <i>et al.</i> , "A Detection and Amplification System Uniquely Suited for RNA", <i>Biotechnology</i> , <u>13</u> :563-564, 1995
Ge	BR	Studier <i>et al.</i> , "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", <i>Methods Enzymol.</i> , <u>185</u> :60-89, 1990
Ge	BS	Suto <i>et al.</i> , "Selection of an Optimal Reporter Gene for Cell-Based High Throughput Screening Assays", <i>J. Biomol. Screening</i> , <u>2</u> (1):7-9, 1997
Ge	BT	Tijssen <i>et al.</i> , "Enzyme-linked Immunosorben Assays and Developments in Techniques Using Latex Beads", <i>Curr. Opin. Immunol.</i> , <u>3</u> :233-237, 1991
Ge	BU	van Adrichem <i>et al.</i> , "Investigation of Protein Patterns in Mammalian Cells and Culture Supernatants by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry", <i>Anal. Chem.</i> , <u>70</u> :923-930, 1998

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*Darryl Gault*

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TECH CENTER 1600/2900

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Gr	BV	Van Brunt, J., "Amplifying Genes: PCR and Its Alternatives", <i>Biotechnology</i> , <u>8</u> :291-294, 1990
Gr	BW	Vastzis <i>et al.</i> , "Discovery of Three Genes Specifically Expressed in Human Prostate by Expressed Sequence Tag Database Analysis", <i>Proc. Natl. Acad. Sci. USA</i> , <u>95</u> :300-304, 1998
Gr	BX	Ward <i>et al.</i> , "Binding Activities of a Repertoire of Single Immunoglobulin Variable Domains Secreted from <i>Escherichia coli</i> ", <i>Nature</i> , <u>341</u> :544-546, 1989
Gr	BY	Watson <i>et al.</i> , "Molecular Biology of the Gene", 4th Edition, 1987, The Benjamin/Cummins Pub. Co., p. 224
Gr	BZ	Weickert <i>et al.</i> , "Turnover of Recombinant Human Hemoglobin in <i>Escherichia coli</i> Occurs Rapidly for Insoluble and Slowly for Soluble Globin", <i>Arch. Biochem. Biophys.</i> , <u>348</u> (2):337-346, 1997
Gr	CA	Whittal <i>et al.</i> , "Nanoliter Chemistry Combined with Mass Spectrometry for Peptide Mapping of Proteins from Single Mammalian Cell Lysates", <i>Anal. Chem.</i> , <u>70</u> :5344-5347, 1998
Gr	CB	Wilson <i>et al.</i> , "Phage Display: Applications, Innovations, and Issues in Phage and Host Biology", <i>Can. J. Microbiol.</i> , <u>44</u> :313-329, 1998
Gr	CC	Woo <i>et al.</i> , "The Advance of Technology as a Prelude to the Laboratory of the Twenty-First Century", <i>Clin. Lab. Med.</i> , <u>14</u> :459-471, 1994
Gr	CD	Wu <i>et al.</i> , "The Ligation Amplification Reaction (LAR)--Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <i>Genomics</i> , <u>4</u> :560-569, 1989
Gr	CE	Xiang <i>et al.</i> , "A Method to Increase Contaminant Tolerance in Protein Matrix-assisted Laser Desorption/Ionization by the Fabrication of Thin Protein-doped Polycrystalline Films", <i>Rapid Commun. Mass Spectrom.</i> , <u>8</u> :199-204, 1994

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